

**First  
Environmental  
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

November 09, 2007

Ms. Lisa Graczyk  
**DYNAMAC CORPORATION**  
WESTON SOLUTIONS, INC.  
20 N. Wacker Drive Suite 1210  
Chicago, IL 60606-2901

Project ID: 05-PC-10/31/07-0011  
First Environmental File ID: 7-4911  
Date Received: November 02, 2007

Dear Ms. Lisa Graczyk:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 001767: effective 06/11/07 through 02/28/08.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200 or [neal@firstenv.com](mailto:neal@firstenv.com).

Sincerely,

Neal Cleghorn  
Project Manager



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**Case Narrative**

**DYNAMAC CORPORATION**

Project ID: **05-PC-10/31/07-0011**

First Environmental File ID: **7-4911**

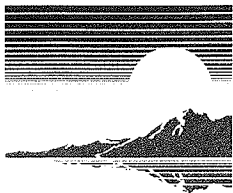
Date Received: **November 02, 2007**

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

**Sample Batch Comments:**

Sample acceptance criteria were met.



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**Analytical Report**

**Client:** DYNAMAC CORPORATION

**Date Collected:** 10/31/07

**Project ID:** 05-PC-10/31/07-0011

**Time Collected:** 13:50

**Sample ID:** PC-S-01-103107

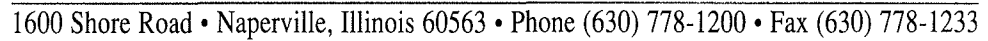
**Date Received:** 11/02/07

**Sample No:** 7-4911-001

**Date Reported:** 11/09/07

Results are reported on a dry weight basis.

<b>Analyte</b>	<b>Result</b>	<b>R.L.</b>	<b>Units</b>	<b>Flags</b>
<b>Solids, Total</b>				
<b>Method: 160.3</b>				
Analysis Date: 11/02/07				
Total Solids	81.45		%	
<b>BTEX Organic Compounds</b>				
<b>Method: 5035A/8260B</b>				
Analysis Date: 11/09/07				
Benzene	< 5.0	5.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Carbon disulfide	46.9	5.0	ug/kg	
<b>Polynuclear Aromatic Hydrocarbons</b>				
<b>Method: 8270C</b>				
Analysis Date: 11/07/07				
<b>Preparation Method 3540C</b>				
Preparation Date: 11/05/07				
Acenaphthene	11,100	50	ug/kg	
Acenaphthylene	335	50	ug/kg	
Anthracene	31,400	50	ug/kg	
Benzo(a)anthracene	58,800	8.7	ug/kg	
Benzo(a)pyrene	58,800	15	ug/kg	
Benzo(b)fluoranthene	64,400	11	ug/kg	
Benzo(k)fluoranthene	35,600	11	ug/kg	
Benzo(ghi)perylene	38,900	50	ug/kg	
Carbazole	6,940	330	ug/kg	
Chrysene	68,100	50	ug/kg	
Dibenzo(a,h)anthracene	11,000	20	ug/kg	
Fluoranthene	173,000	50	ug/kg	
Fluorene	14,300	50	ug/kg	
Indeno(1,2,3-cd)pyrene	43,800	29	ug/kg	
2-Methylnaphthalene	665	50	ug/kg	
Naphthalene	682	25	ug/kg	
Phenanthrene	110,000	50	ug/kg	
Pyrene	145,000	50	ug/kg	



[illegible]

[illegible]

EPA Contract Number: EP-S5-06-04

## CHAIN OF CUSTODY RECORD

Site #: 05-PC

**Contact Name:** Marcella Bondie

Contact Phone: 312-446-4399

**No: 05-PC-10/31/07-0011**

**Lab: First Environmental**

Lab Phone: 630-778-1200

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Number Cont	Container	Preservative	Collection Method	Sample Time				
	PC-S-01-103107	Area 146 SW	South wall - shallow	BTEX	Soil	10/31/2007	1	40mL vial	Methanol	Grab	13:50	0	7	f	e
	PC-S-01-103107	Area 146 SW	South wall - shallow	PAH, 2-methylnaphthalene, carbazole	Soil	10/31/2007	1	Jar	4 C	Composite	13:50	0	7	f	e
	PC-S-01-103107	Area 146 SW	South wall - shallow	BTEX	Soil	10/31/2007	2	40mL vial	Na2SO4	Grab	13:50	0	7	f	e
	PC-S-02-103107	Area 146 SW	South wall - deep	BTEX	Soil	10/31/2007	1	40mL vial	Methanol	Grab	13:55	7	10	f	e
	PC-S-02-103107	Area 146 SW	South wall - deep	BTEX	Soil	10/31/2007	2	40mL vial	Na2SO4	Grab	13:55	7	10	f	e

Special Instructions: Standard TAT. Sampler: M Bondie	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

[illegible]

EPA Contract Number: EP-S5-06-04

## CHAIN OF CUSTODY RECORD

Site #: 05-PC

**Contact Name:** Marcella Bondie

Contact Phone: 312-446-4399

**No: 05-PC-10/31/07-0011**

Lab: First Environmental

Lab Phone: 630-778-1200

[illegible]

Special Instructions: Standard TAT. Sampler: M Bondie

SAMPLES TRANSFERRED FROM		TO	DATE	INITIALS
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100

CHAIN OF CUSTODY #

[illegible]